

Amendments to the Claims

This listing of the claims replaces all prior versions and listing of the claims in the present application.

Listing of Claims

1. (currently amended) Cryogenic transfer system (1) comprising:

- a cryogenic fluid storage ~~and/or processing structure~~ (2),
 - an off shore ~~loading and/or offloading~~ transfer structure (3,30, 40) comprising a base (18,41) and a reel means (17) rotatable relative to said base around an axis (10),
 - a transfer duct (13,14) extending from the fluid storage ~~and/or processing structure~~ (2) to the ~~loading and/or offloading~~ transfer structure (3,30,40),
 - a flexible hose (12) windable around the reel means (17), connectable with a first end (20) to the duct (13,14), and with a second end (23) connectable to a floating structure (6),
- ~~characterised in that:~~

wherein the transfer duct comprises a first and a second duct (13,14), each duct having an end part (22,22') ~~at or~~ near the ~~loading and/or offloading~~ transfer structure (3,30,40), the flexible hose (12) being with the first end (20) connectable to the end part (22) of at least one of the first ~~[[or]]~~ and the second duct,

wherein in a cooling configuration, the flexible hose (12) ~~being~~ is wound on the reel means (17), the reel means being

situated above water level (24) and rotatable around a vertical axis (10), an interconnecting duct section (12,16) extending between the end parts (22,22') of the first and second ducts (13,14), and

wherein in a transfer configuration, the flexible hose (12) being is at least partly unwound from the reel means (17) and being is, with a second end (23), connectable to the floating structure (6),

~~the loading and/or offloading~~ transfer structure (3,30,40) comprising lifting means (36,43,58,59) for lowering the flexible hose (12) towards water level (24) in the transfer configuration and for raising the hose (12) away from water level for placing the flexible hose in the cooling configuration.

2. (currently amended) Cryogenic transfer system (1) according to claim 1, the lifting means comprising ~~the buoy being raisable or lowerable~~ a buoy that is movable with respect to water level.

3. (previously presented) Cryogenic transfer system (1) according to claim 1, the interconnecting duct section comprising the flexible hose (12).

4. (original) Cryogenic transfer system (1) according to claim 3, the end part (22') of one of the ducts (14) being releasably coupled to the flexible hose (12).

5. (original) Cryogenic transfer system (1) according to claim 4, the end part (22') being provided with an end closing device (26).

6. (previously presented) Cryogenic transfer system (1) according to claim 1, the end parts (22,22') of the ducts (13,14) being interconnected via a branching duct section (16).

7. (currently amended) Cryogenic transfer system (1) according to claim 1, the ~~loading and/or offloading~~ transfer structure (3,30) comprising a ballastable buoy, the base (18) being moored to the sea bed (5).

8. (previously presented) Cryogenic transfer system according to claim 1, the base comprising a column (41) resting on the sea bed (5).

9. (previously presented) Cryogenic transfer system (1) according to claim 1, the transfer structure comprising a drive means for rotation of the reel around its vertical axis.

10. (previously presented) Cryogenic transfer system (1) according to claim 1, the reel means (17) having a diameter of at least 10 m.

11. (previously presented) Cryogenic transfer system (1) according to claim 1, the transfer duct (13,14) comprising a rigid pipe.

12. (currently amended) Method of transferring a cryogenic fluid from a storage ~~and/or processing structure~~ to an off shore ~~loading and/or offloading~~ transfer structure, the ~~loading and/or~~

. ~~offloading~~ transfer structure comprising a base and a reel ~~means~~
rotatable relative to said base around a vertical axis, a
transfer duct extending from the fluid storage ~~and/or processing~~
~~structure~~ to the ~~loading and/or offloading~~ transfer structure, a
flexible hose windable around the reel and having a first end
~~means~~, connectable ~~with a first end~~ to the duct[[,]] and with a
second end connectable to a tanker vessel, the method comprising
the steps of:

- in a cooling stage, placing the reel above water level,
winding the hose around the reel ~~means~~ and providing cooling
fluid from the storage ~~and/or processing structure~~ through the
transfer duct towards the ~~loading and/or offloading~~ transfer
structure, and

in a transfer stage:

- lowering the reel towards water level,
- unwinding the flexible hose at least partly from the reel,
- connecting the second end of the flexible hose to a
floating structure, and

- ~~supplying~~ conveying cryogenic fluid ~~from~~ between the ~~first~~
transfer structure [[to]] and the floating structure ~~or vice~~
~~versa~~.